



SEQUENCE LISTING

<110> ALAOUI-JAMALI, Moulay, A.
CHO, John, M. J.

<120> REPLICATION PROTEIN A BINDING TRANSCRIPTIONAL FACTOR (RBT1) AND USES THEREOF

<130> SWA-001US1

<140> US 10/069,386

<141> 2000-08-17

<150> PCT/CA2000/000948

<151> 2000-08-17

<150> US 60/149,472

<151> 1999-08-19

<160> 2

<170> FastSEQ for Windows Version 3.0

<210> 1

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<212> DNA

<213> Homo sapiens

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| tggagtccag | caggccttca | gagctaccag | caagccctgc | tccgcatctc | cctagacaaa | 120 |
| gtccagcgca | gcctggggccc | ccgagcaccc | agcctccgca | ggcatgtcct | catccataac | 180 |
| accctccaac | agctgcaggc | tgcacttcgc | ctggtctccc | cccctgccct | gccccccgag | 240 |
| cccctcttcc | tgggcgagga | ggatttctcc | ctgtcagcca | ccattggctc | tatcctcagg | 300 |
| gagctggaca | cctccatgga | tgggactgag | ccccctcaga | atccagtgc | tccccttggc | 360 |
| ctccagaatg | aagtgccacc | ccagcctgat | ccagtcttct | tagaagctct | gagctcccgg | 420 |
| tacttggggg | actctggcct | ggatgacttc | tttctggaca | ttgacacatc | tgcggtagaa | 480 |
| aaggagcctg | cacgggcccc | accagagcct | cctcacaacc | tcttctgtgc | cccaggttct | 540 |
| tgggagtgga | atgaactgga | tcacatcatg | gaaatcattc | tggggtccta | a | 591 |

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<213> Homo sapiens

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|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Met | Glu | Gly | Gly | Leu | Lys | Arg | Lys | His | Ser | Asp | Leu | Glu | Glu | Glu | Glu |
| 1 | | | 5 | | | | | 10 | | | | | 15 | | |
| Glu | Arg | Trp | Glu | Trp | Ser | Pro | Ala | Gly | Leu | Gln | Ser | Tyr | Gln | Gln | Ala |
| | | 20 | | | | | 25 | | | | 30 | | | | |
| Leu | Leu | Arg | Ile | Ser | Leu | Asp | Lys | Val | Gln | Arg | Ser | Leu | Gly | Pro | Arg |
| | | 35 | | | | | 40 | | | | 45 | | | | |
| Ala | Pro | Ser | Leu | Arg | Arg | His | Val | Leu | Ile | His | Asn | Thr | Leu | Gln | Gln |

| | | | | | |
|---|-----|-----|-----|-----|-----|
| 50 | | 55 | | 60 | |
| Leu Gln Ala Ala Leu Arg Leu Ala Pro Ala Pro Ala Leu Pro Pro Glu | | | | | |
| 65 | | 70 | | 75 | 80 |
| Pro Leu Phe Leu Gly Glu Glu Asp Phe Ser Leu Ser Ala Thr Ile Gly | | | | | |
| | 85 | | 90 | | 95 |
| Ser Ile Leu Arg Glu Leu Asp Thr Ser Met Asp Gly Thr Glu Pro Pro | | | | | |
| | 100 | | 105 | | 110 |
| Gln Asn Pro Val Thr Pro Leu Gly Leu Gln Asn Glu Val Pro Pro Gln | | | | | |
| | 115 | | 120 | | 125 |
| Pro Asp Pro Val Phe Leu Glu Ala Leu Ser Ser Arg Tyr Leu Gly Asp | | | | | |
| | 130 | | 135 | | 140 |
| Ser Gly Leu Asp Asp Phe Phe Leu Asp Ile Asp Thr Ser Ala Val Glu | | | | | |
| 145 | | 150 | | 155 | 160 |
| Lys Glu Pro Ala Arg Ala Pro Pro Glu Pro Pro His Asn Leu Phe Cys | | | | | |
| | 165 | | 170 | | 175 |
| Ala Pro Gly Ser Trp Glu Trp Asn Glu Leu Asp His Ile Met Glu Ile | | | | | |
| | 180 | | 185 | | 190 |
| Ile Leu Gly Ser | | | | | |
| 195 | | | | | |